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Capacity planning of a photolithography work cell in a wafer manufacturing line

AM Spence, DJ Welter - Proceedings of the IEEE International Conference on Robotics ..., 1987 - ieeexplore.ieee.org

... The simulation language used was SIMAN which has ... especially for use in simulating manufacturing sys- tems. ... arrivals of lots to the photolithography work cell. ... Cited by 10 - Web Search - ieeexplore.ieee.org

Controlling Activities in a Virtual Manufacturing Cell

M Iuliano, A Jones - Winter **Simulation** Conference, 1996 - portal.acm.org ... infrastructure for both the **simulation** models and ... This virtual **manufacturing cell** will provide a highly flexible ... extending the earlier AMRF **work** in integration ... Cited by 10 - Web Search - portal.acm.org

Agent-Based Systems for Intelligent Manufacturing: A State-of-the-Art Survey

W Shen, DH Norrie - Knowledge and Information Systems, 1999 - eurescom.de ... of multi-agent techniques, simulated annealing, and simulation.? ... two types of distributed manufacturing scheduling systems ... resource (eg, a work cell, a machine ... Cited by 161 - Cached - Web Search

Aexible **simulation** tool for **manufacturing cell** design, II: Response-surface analysis and case study

M IRIZARRY, J WILSON, J TREVINO - IIE Transactions, 2001 - kluweronline.com ... A key feature of this work was the formulation of ... cost function to measure overall cell performance ... of the qualitative input factors, a simulation metamodel was ... Cited by 8 - Web Search - springerlink.com - eos.ncsu.edu - ncsu.edu - all 5 versions »

Virtual Testing of Agile Manufacturing Software Using 3D Graphical Simulation

JY Jo, Y Kim, A Podgurski, WS Newman - Proc. IEEE Int. Conf. on Robotics and Automation - ieeexplore.ieee.org ... off-line development of agile **manufacturing** control software [5]. The graphical **simulation** helps to ... is transferred to the actual **work- cell** with few ... Cited by 8 - Web Search - dora.eeap.cwru.edu - ieeexplore.ieee.org

Collaboration technologies for global manufacturing

MP Steves, AJ Knutilla - AM SOC MECH ENG MANUF ENG DIV MED, 1999 - mel.nist.gov ... with alternatives (eg, using integrated **simulation** tools, etc ... Within a **manufacturing** site, a welding ... standards between welding **work cell** components, controllers ... Cited by 11 - View as HTML - Web Search - amtech.org.cn - nist.gov - csa.com

Applications for enterprise **simulation**

RR Mielke - Winter Simulation Conference, 1999 - vmasc.odu.edu
... the input to the wax work cell is made ... operations, supply chain management,
entertainment, and manufacturing. ... a number of enterprise simulation projects over ...
Cited by 7 - View as HTML - Web Search - ieeexplore.ieee.org - portal.acm.org - csa.com - all 5 versions »

Multicriteria design and control of a cellular manufacturing system through simulation and ...

JS Shang, PR Tadikamalla - International Journal of Production Research, 1998 - taylorandfrancis.metapress.com ... a cellular manufacturing system through simulation and optimization ... focuses on

single-criterion cell con® guration ... ow time, waiting time, and work-in- process ... Cited by 9 - Web Search

A simulation-based work order release mechanism for a flexible manufacturing system

DJ Muller, JK Jackman, C Fitzwater - Proceedings of the 22nd conference on Winter simulation, 1990 - portal.acm.org

... reports can be gen- erated during any **simulation** run based ... material due date requirements • Vertical turning **cell** schedule • **Work** order completion ...

Cited by 4 - Web Search - ieeexplore.ieee.org - ieeexplore.ieee.org - portal.acm.org

Agile manufacturing: a framework for research and development

A Gunasekaran - International Journal of Production Economics, 1999 - graco.unb.br ... the agile system is a #at dynamic net- work in structure ... concepts used can be validated using computer-aided simulation and a full scale manufacturing cell. ...

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